

9/961,403

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 1-29-02 are:

Accepted or approved by the Draftsperson under 37 CFR 1.84 or 1.152.

But, as requested by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

_____ **Color.**
 _____ Color drawings are not acceptable until patent is granted.

_____ **Pen and ink.**
 _____ Pen and ink not permitted. Fig(s) _____

2. PHOTOGRAPHY. 37 CFR 1.84(b)

_____ **Photograph required.** Fig(s) _____

_____ **Photograph not mounted.** 37 CFR 1.84(c)

_____ **Photograph quality (half-tone).** Fig(s) _____

3. PAPER. 37 CFR 1.84(d)

_____ **Paper not flexible, strong, white, and durable.**

_____ **Stains, abrasions, overwritings, interlineations,**

_____ **copy machine marks not accepted.** Fig(s) 1, 2

_____ **Writing paper is not acceptable (too thin).**

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

_____ **11 cm by 29.7 cm (DIN size A4)**

_____ **11 cm by 27.9 cm (8 1/2 x 11 inches)**

_____ **Other drawing sheets not the same size.**

_____ **Other drawing sheets not an acceptable size.** Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

_____ **Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm**

_____ **SIZE: A4 Size**

_____ **Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm**

_____ **SIZE: 8 1/2 x 11**

_____ **Margins not acceptable.** Fig(s) _____

_____ **Top (T) _____ Left (L)**

_____ **Right (R) _____ Bottom (B)**

6. VIEWS. 37 CFR 1.84(h)

_____ **Required views may require revision to conform to drawing changes.**

_____ **Figure not needed to show figure as one entity.**

_____ **Figure not labeled separately or properly.**

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8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

_____ **Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs.** Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

_____ **Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.**

_____ **Fig(s) _____**

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

_____ **Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).**

_____ **Fig(s) _____**

11. SHADING. 37 CFR 1.84(m)

_____ **Solid black areas pile.** Fig(s) _____

_____ **Solid black shading not permitted.** Fig(s) _____

_____ **Shade lines, pale, rough and blurred.** Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

_____ **Numbers and reference characters not plain and legible.**

_____ **Fig(s) 1, 2**

_____ **Figure legends are poor.** Fig(s) _____

_____ **Numbers and reference characters not oriented in the same direction as the view.** 37 CFR 1.84(p)(1)

_____ **Fig(s) _____**

_____ **English alphabet not used.** 37 CFR 1.84(p)(2)

_____ **Fig(s) _____**

_____ **Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height.** 37 CFR 1.84(p)(3)

_____ **Fig(s) _____**

13. LEAD LINES. 37 CFR 1.84(q)

_____ **Lead lines cross each other.** Fig(s) _____

_____ **Lead lines missing.** Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r)

_____ **Sheets not numbered consecutively, and in Arabic numerals beginning with number 1.** Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

_____ **Views not numbered consecutively, and in Arabic numerals, beginning with number 1.** Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)

_____ **Corrections not made from prior PTO-948 dated _____**

17. DESIGN DRAWINGS. 37 CFR 1.152

_____ **Surface shading shown not appropriate.** Fig(s) _____

_____ **Solid black shading not used for color contrast.**

_____ **Fig(s) _____**

COMMENTS

REVIEWER

J. CHASE

DATE 12-30-02

TELEPHONE NO. 703 305 8430

ATTACHMENT TO PAPER NO. _____

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

Correction of Drawings - 37 CFR 1.85

Corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, must include the title of the invention, inventor's name, and application number, or docket number (if any) if application number has not been assigned to the application. If this information is provided, it must be on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened time period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. Drawing should be filed as a separate paper with a transmittal letter addresses to the Official Draftsperson.

Corrections other than Informalities Noted by Draftsperson on form PTO-948.

Changes to the drawings, other than informalities noted by the Draftsperson, MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be proposed into the new drawings MUST be approved by the examiner before the application will be allowed. Changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed change.

Timing of Corrections

Applicant is required to submit the drawings corrections within the time period set in the attached Office Communication. See 37 CFR 1.85(a):

Failure to take corrective action within the set period will result in ABANDONMENT of the application.